



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

647.4011

Job Sheet 187813



Part No: 647.4011

Job Qty: 8 pcs

Part Name: Wiper Deflector LH



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 12/17/18

Job Tracking No:

Due Date: 1/16/19

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG REV B IPP REV:A 12.10.26 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	8 pcs		1/16/19	0.00	0.00	Purchasing - 1		FEB 14 2019
							Purchasing - 2		
							Purchasing - 3		
110	Packaging 2-1 - Receive - B4B	8 pcs		1/16/19	0.00	0.00	Packaging 2 - 1 - B4B		FEB 14 2019
							Packaging 2 - 2 - B4B		
							Packaging 2 - 3 - B4B		
							Packaging 2 - 5 - B4B		
							Packaging 2 - 4 - B4B		
							Packaging 2 - 6 - B4B		
							Packaging 2 - 7 - B4B		
							Packaging 2 - 8 - B4B		
							Packaging 2 - 9 - B4B		
							Packaging 2 - 10 - B4B		
							Packaging 2 - 11 - B4B		
							Packaging 2 - 12 - B4B		
							Packaging 2 - 13 - B4B		
							Packaging 2 - 14 - B4B		
							Packaging 2 - 15 - B4B		
							Packaging 2 - 16 - B4B		
							Packaging 2 - 17 - B4B		
							Packaging 2 - 18 - B4B		
							Packaging 2 - 19 - B4B		
							Packaging 2 - 20 - B4B		
							Packaging 2 - 21 - B4B		
							Packaging 2 - 22 - B4B		
							Packaging 2 - 23 - B4B		
							Packaging 2 - 24 - B4B		
							Packaging 2 - 25 - B4B		
							Packaging 2 - 26 - B4B		
							Packaging 2 - 27 - B4B		
							Packaging 2 - 28 - B4B		

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com



Container No: S153467



Part: 647.4011

Job No: 187813

Serial No/Batch: S153467

Revision:

Inspector:

Exp Date:

Instructions:

Date: 02/14/19

Plex 2/12/19 3:59 PM Dart.Hadley.Shannon

180	QC 5	8 pcs	1/16/19	0.00 0.00	Packaging 2 - 29 - B4B	
					Packaging 2 - 30 - B4B	
					Packaging 2 - 31 - B4B	
					Packaging 2 - 32 - B4B	
					Packaging 2 - 33 - B4B	
					Packaging 2 - 34 - B4B	
					Packaging 2 - 35 - B4B	
					Packaging 2 - 36 - B4B	
					QC 5 - 10	
					QC 5 - 12	
					QC 5 - 17	
					QC 5 - 18	
					QC 5 - 19	
					QC 5 - 22	
					QC 5 - 24	
					QC 5 - 3	
					QC 5 - 42	
210	Packaging 3-1 - Stock - B4B	8 pcs	1/16/19	0.00 0.00	QC 5 - 43	
					QC 5 - 49	
					QC 5 - 51	
					QC 5 - 58	
					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
					Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	

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				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
220	QC 21 - SA	8 pcs	1/16/19	0.00 0.00	QC 21 - SA - 21
					QC 21 - SA - 70
					QC 21 - SA - 53

Part Op **100** - Purchasing - ISSUE P/O: _____
 Descriptions: **110** - Receive & Inspect for Damage & Mat'l Certs
180 - QC5- Inspect part completeness to step on W/O
210 - Identify as per dwg & Stock Location: _____
220 - QC21- Final Inspection - Work Order Release

PO Details

Southland Fabrication (sof001-vu)



PO No: PO042097
Line No: 1

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
647.4011P	Wiper Deflector LH	8 pcs (1 ea)	100-Purchasing	5153468

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	647.4011P	8	0	0

Part Specifications

Specifications could not be found.

Plex 2/12/19 3:59 PM Dart.Hadley.Shannon



Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
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Job Qty: 8 ea

Part Name: Wiper Deflector LH



Part Weight: 0 lbs

Status: New

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Due Date: 1/16/19

Created By: Chantal Lavoie

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Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	8 pcs		1/16/19	0.00	0.00	Purchasing		
110	Packaging	8 pcs		1/16/19	0.00	0.00	Packaging2		
180	QC	8 pcs		1/16/19	0.00	0.00	QC5		
210	Packaging	8 pcs		1/16/19	0.00	0.00	Packaging3-1		
220	QC21-SA	8 Ea		1/16/19	0.00	0.00	QC21		

Part Op Descriptions: 100 - ISSUE P/O: 42097

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Job BOM

Part / Item	Component Name	Quantity	Operation	Container
647.4011P	Wiper Deflector LH	8 pcs (1 ea)	100-Purchasing	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	647.4011P	8	0	0

Part Specifications

Specifications could not be found.

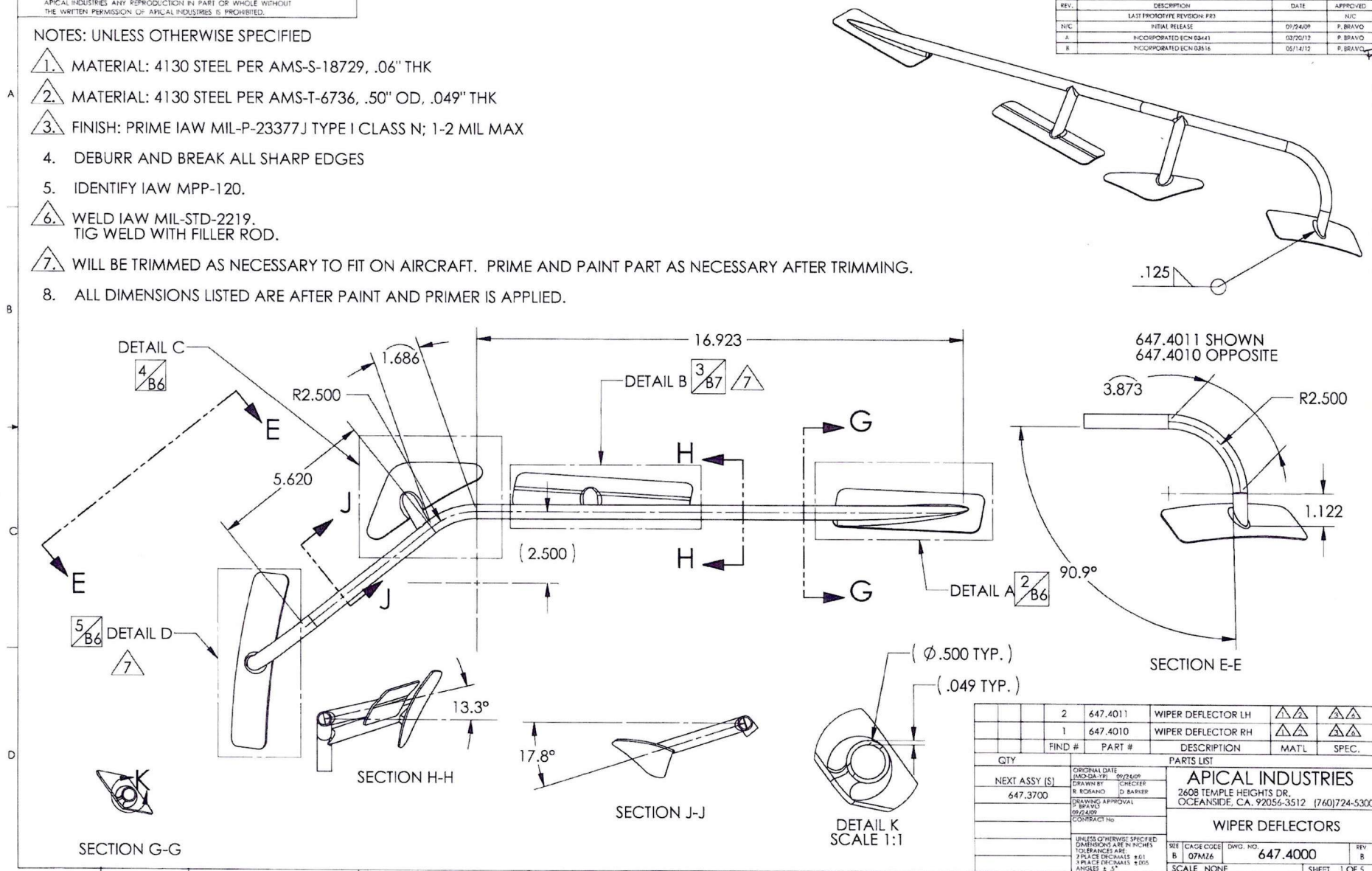
Plex 12/17/18 11:35 AM dart.lavoie.chantal

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NOTES: UNLESS OTHERWISE SPECIFIED

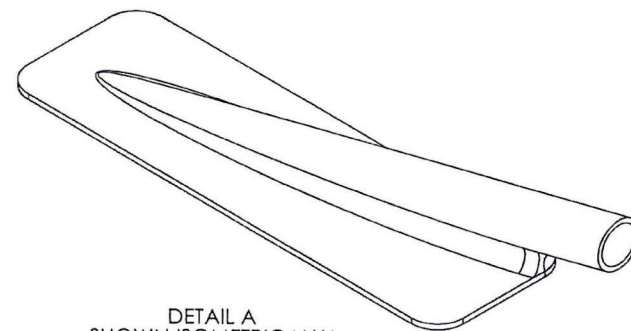
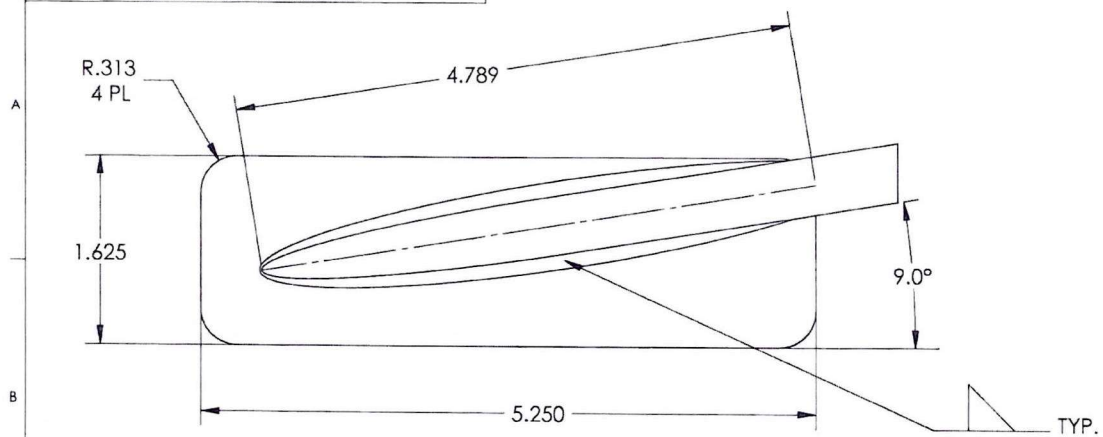
1. MATERIAL: 4130 STEEL PER AMS-S-18729, .06" THK
2. MATERIAL: 4130 STEEL PER AMS-T-6736, .50" OD, .049" THK
3. FINISH: PRIME IAW MIL-P-23377J TYPE I CLASS N; 1-2 MIL MAX
4. DEBURR AND BREAK ALL SHARP EDGES
5. IDENTIFY IAW MPP-120.
6. WELD IAW MIL-STD-2219, TIG WELD WITH FILLER ROD.
7. WILL BE TRIMMED AS NECESSARY TO FIT ON AIRCRAFT. PRIME AND PAINT PART AS NECESSARY AFTER TRIMMING.
8. ALL DIMENSIONS LISTED ARE AFTER PAINT AND PRIMER IS APPLIED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE REVISION: P13		NIC
NIC	INITIAL RELEASE	09/24/09	P. BRAYO
A	INCORPORATED ECN 63411	03/20/12	P. BRAYO
B	INCORPORATED ECN 63414	05/14/12	P. BRAYO

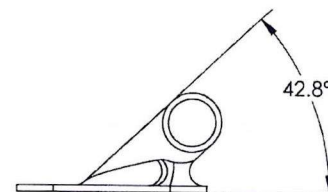
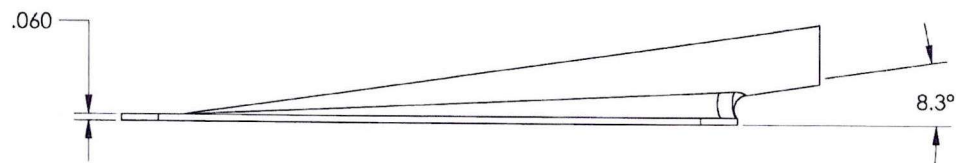


QTY	2	647.4011	WIPER DEFLECTOR LH	△△	△△
NEXT ASSY (S)	1	647.4010	WIPER DEFLECTOR RH	△△	△△
FIND #		PART #	DESCRIPTION	MATL	SPEC.
PARTS LIST					
APICAL INDUSTRIES					
2608 TEMPLE HEIGHTS DR.					
OCEANSIDE, CA. 92056-3512 (760)724-5300					
WIPER DEFLECTORS					
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. TOLERANCES ARE: 2 PLACE DECIMALS ±.01, 3 PLACE DECIMALS ±.005, ANGLES ±.5°					
REV	CAGE CODE	DWG. NO.	647.4000	REV	B
B	07M26	SCALE	NONE	SHEET	1 OF 5

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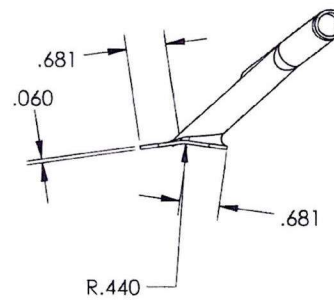
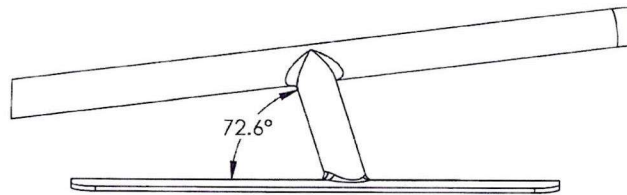
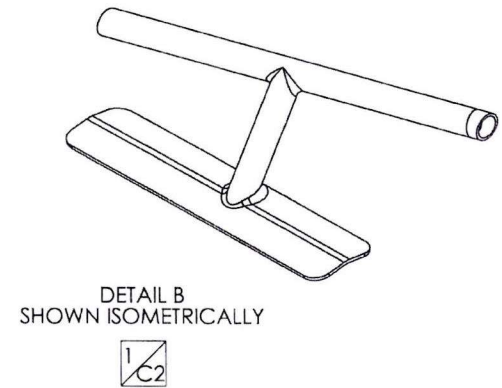
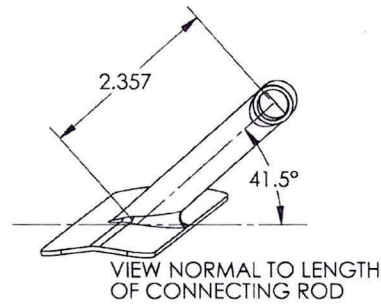
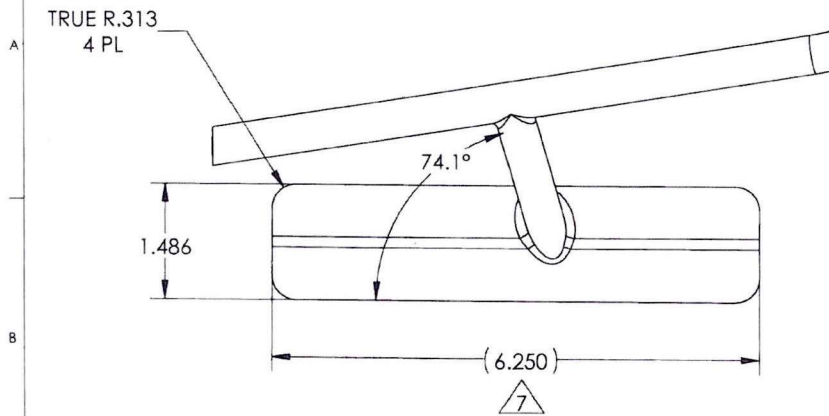


DETAIL A
SHOWN ISOMETRICALLY



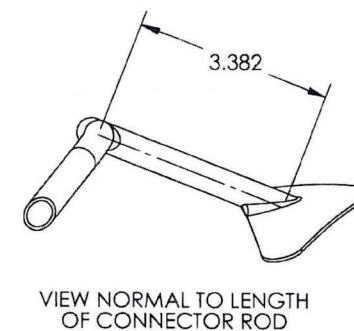
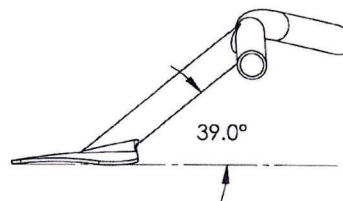
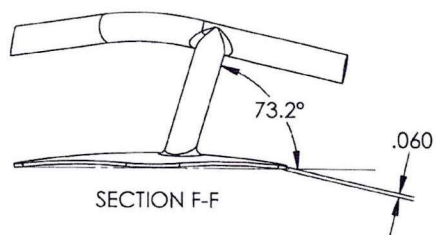
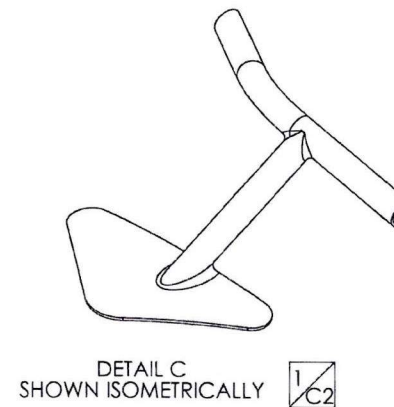
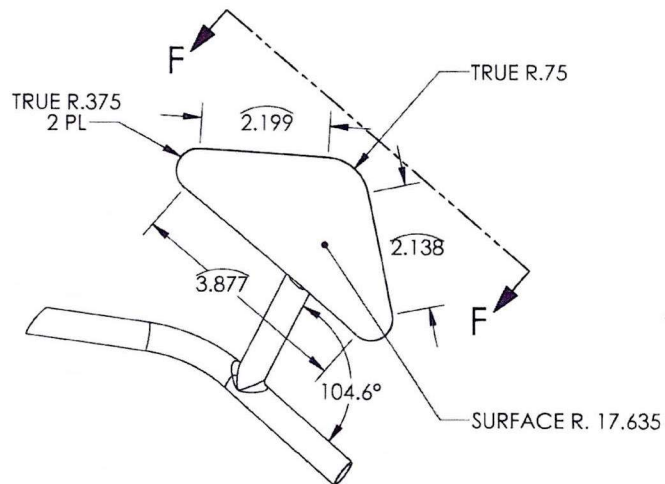
ORIGINAL DATE (MO-DA-YR) 09/24/09		APICAL INDUSTRIES	
DRAWN BY R. ROSARIO	CHECKER D. HANKE	2408 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAYO		WIPER DEFLECTORS	
CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE (CAGE CODE) DRAW. NO. B 07M26 647.4000	REV. B
SCALE: NONE		SHEET 2 OF 5	

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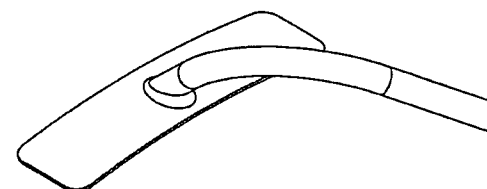
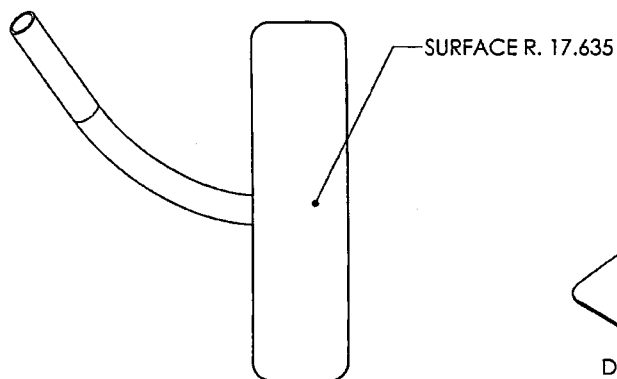
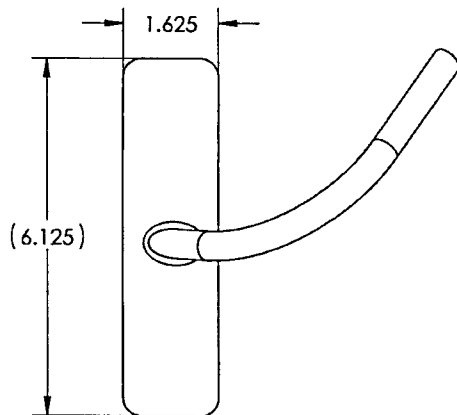
ORIGINAL DATE (M/D/YR) 06/24/09		APICAL INDUSTRIES	
DRAWN BY: J. ROSE		2608 TEMPLE HEIGHTS DR.	
F. ROSANO		OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO		WIPER DEFLECTORS	
CONTRACT No.		SITE CAGE CODE DWG. NO. 647.4000 REV. B	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 3 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SCALE: NONE SHEET 3 OF 5	

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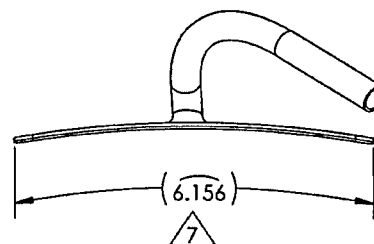
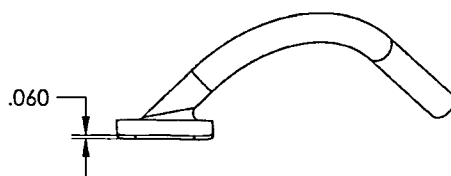


ORIGINAL DATE (MCO-DA-178) 09/24/07		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY B. POLANO	CHECKED D. BARKER		
DRAWING APPROVAL P. SALVO 02/24/09		WIPER DEFLECTORS	
CONTRACT NO.		SHEET B	REV B
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ± .01 3 PLACE DECIMALS ± .005 ANGLES ± .5°		DWG. NO. 647.4000	SCALE NONE
		SHEET 4 OF 5	

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DETAIL D
SHOWN ISOMETRICALLY



ORIGINAL DATE (MM-DD-YY) 09/24/09		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY R. JOHNSON	CHECKED BY D. BARBER		
DRAWING APPROVAL P. BRAY		WIPER DEFLECTORS	
QUANTITY CONTRACT NO.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS .01 3 PLACE DECIMALS .005 ANGLES ± .5°		SHEET B	REV. B
SCALE NONE		DWG. NO. 647.4000	SHEET 5 OF 5



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO042097**

Supplier: SOF001-VU
Southland Fabrication
353 Industrial Way
Fallbrook, CA 92028 USA
Phone: 760-723-4006
Fax: 760-723-4604

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: PO042097

PO Date: 12/18/18

Due Date: 2/7/19

Purchase Order
Revision:

Revision Date:

Ship-To Contact: Lavoie, Chantal
clavoie@dartaero.com

Via: Ground

Pymt Terms: Net 30

Freight Terms:

Special Comments:

E-MAILED
DEC 19 2018

Items

Line Item	Job	Part	Supplier Part No	Item No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	187813	647.4011P			Wiper Deflector LH	Firmed	-	2/7/19	8 pcs	0 pcs	8 pcs	\$419.97/pcs	\$3,359.76
Line Item Note AS PER DWG 647.4011 REV. B													
Grand Total:												\$3,359.76	

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses
A005 RIGHT OF ENTRY
A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENT

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

CL

Plex 12/18/18 2:56 PM dart.lavoie.chantal



PACKING SLIP

No : 00022050

Andlex Inc dba Southland Fabrication

353 Industrial Way

Phone 760-723-4006

Fallbrook CA 92028

Fax 760-723-4604

To: Dart Aerospace Ltd
1270 Aberdeen Street

ShipTo: Dart Aerospace Ltd
1270 Aberdeen Street

Hawkesbury, ON K6A 1K7

Hawkesbury

ON K6A 1K7

Ship VIA	P.O. #	FOB	Date	Page
Fed Ex	PO042097 ✓	ORIGIN	02/08/2019	1

Quantity	Part Number	Rev	Job #
----------	-------------	-----	-------

8 ✓

647.4011P ✓

B

00017973

Wiper Deflector LH

Line: 1

Received By: _____

Date: _____



353 Industrial Way
Fallbrook, CA 92028
Ph: 760-723-4006

Certificate Of Compliance

Date : 02/08/2019

Job No. : 00017973

Customer : Dart Aerospace Ltd

P.O. Number : PO042097 ✓

Part Number : 647.4011P ✓

B

Quantity : 8 ✓

Description : Wiper Deflector LH

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68
9-89

We hereby certify that all parts and/or material supplied by us have been produced in conformance with all contractually applicable purchaser's specification as referenced in the purchase order and/or drawing(s) supplied.



RoHS 2 Compliant to Directive 2011/65/EC

By:

PA Wooty

Date:

2/8/19

Page : 1 of

1